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PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-1299/64

July 1964

MISSION COVERAGE INDEX

MISSION

25X1D

19 JULY 1964

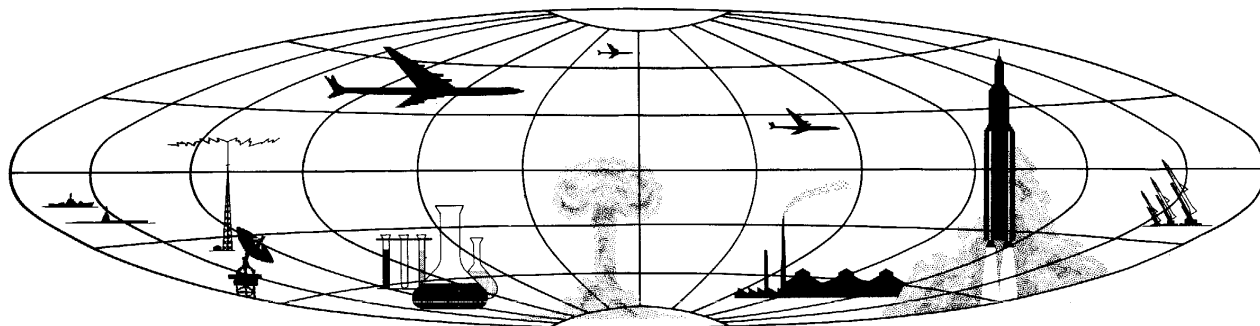


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GROUP 1
Excluded from automatic
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WARNING

This document contains information affecting the national defense of the United States; within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY :

DATED 19 JULY 1964 COVERING LAOS. ITEMS ARE ARRANGED IN THREE SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO

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25X1D

REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000 AND L004, 1/50,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>AIR INSTALLATIONS</p> <p>TCHEPONE AIRFIELD</p> <p>2.1 NM NW OF TCHEPONE.</p> <p>NO APPARENT CHANGE IN FACILITIES SINCE 25X1D MISSION [REDACTED]</p> <p>DEFENSES INCLUDE AN UNOCCUPIED 4-GUN AAA SITE AND 5 UNOCCUPIED AA POSITIONS IN A TRENCH SYSTEM AT SW END OF RUNWAY.</p> <p>AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED]</p>	1643N 10612E	0617		124
25X1D				
<p>VANG VIENG AIRFIELD</p> <p>EAST EDGE OF VANG VIENG.</p> <p>NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] 25X1D</p> <p>AIRCRAFT -- ONE C-47.</p> <p>[REDACTED]</p>	1855N 10227E	0617	25X1A [REDACTED]	203-A
25X1D				
<p>XIENG KHOUANG AIRFIELD</p> <p>15 NM NW OF XIENG KHOUANG.</p> <p>NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE MISSION [REDACTED]</p> <p>AIRCRAFT -- ONE DERELICT C-47.</p> <p>[REDACTED] 25X1D</p>	1927N 10308E	0617		130-A
25X1D				
<p>MILITARY INSTALLATIONS</p> <p>BAN HOUA HA, FORTIFIED AREA</p> <p>AT BAN HOUA HA.</p>	1859N 10227E	0617		203-E

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>THREE LARGE AND 4 SMALL BUILDINGS SURROUNDED BY A PERSONNEL TRENCH ON EAST SIDE OF ROUTE 13.</p> <p>[REDACTED] 25X1D</p> <p>BAN LAT QUAI, MILITARY CAMP TWO AREAS SEPARATED BY NAM SANE (RIVER), ON SOUTH EDGE OF BAN LAT QUAI. 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED]</p> <p>[REDACTED] TWELVE CARGO TRUCKS OBSERVED IN AREA A. [REDACTED] 25X1D</p> <p>MUONG KASSY, MILITARY CAMPS ON SOUTH EDGE AND SSW OF MUONG KASSY.</p> <p>CAMP A (SOUTH EDGE OF MUONG KASSY) -- 2 BARRACKS, ONE RECENTLY RAZED BUILDING, ONE T-SHAPED ADMINISTRATION BUILDING, AND ONE SUPPORT BUILDING. AREA APPEARS ABANDONED WITH PERIMETER TRENCHING OVERGROWN AND ROOFS OF BUILDINGS BADLY DETERIORATED.</p> <p>CAMP B (EAST EDGE OF BAN NA KOUT AND 5.8 NM SW OF MUONG KASSY) -- 3 SMALL BUILDINGS PARTIALLY ENCLOSED BY CIRCULAR TRENCH.</p> <p>CAMP C (NE EDGE OF BAN NA KOUT) -- 7 BUILDINGS SURROUNDED BY CIRCULAR TRENCH.</p> <p>[REDACTED] 25X1D</p>	<p>1859N 10337E</p> <p>1913N 10215E</p>	<p>0617</p> <p>0617</p>	<p>212</p> <p>206</p>	

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	BAN PHO KHAM AREA, STRONGPOINT 0.9 NM EAST OF BAN PHO KHAM. AREA CONTAINS 9 BUILDINGS SURROUNDED BY A PERSONNEL TRENCH. FOUR ADDITIONAL BUILDINGS OBSERVED OUTSIDE OF TRENCHED AREA. [REDACTED]	1934N 10217E	0617		207-J
25X1D	BAN PHO KHAM, POSSIBLE REST AND REFUEL POINT AT BAN PHO KHAM. POSSIBLE REST AND REFUEL POINT CONTAINS 5 BUILDINGS ON ROUTE 13. [REDACTED]	1934N 10217E	0617		207-K
25X1D	XIENG NGEUN AREA, STRONGPOINT 3 NM SOUTH OF XIENG NGEUN AT UTM TG057823. A STRONGPOINT ALONG ROUTE 13 CONSISTS OF A SERIES OF TRENCH WORKS AND 3 BUILDINGS. [REDACTED]	1942N 10211E	0617		207-I
25X1D	BAN NGOUA, STRONGPOINT 0.6 NM SOUTH OF BAN NGOUA AREA LANDING STRIP. A STRONGPOINT CONTAINS 9 BUILDINGS, 3 UNOCCUPIED FA POSITIONS, AND NUMEROUS FOXHOLES. [REDACTED]	1919N 10308E	0617		479-B
	BAN NA VIENG AREA, STRONGPOINT 0.7 NM NW OF BAN NA VIENG. RECTANGULAR STRONGPOINT CONTAINS 10 SMALL BUILDINGS ENCLOSED BY TRENCH SYSTEM CONTAINING	1929N 10311E	0617		121-M

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
NUMEROUS FIRING BAYS. [REDACTED] 25X1D				
BAN NONG AREA, DEFENSE POSITIONS 1.5 NM SW OF BAN NONG. FOUR UNOCCUPIED PROBABLY HEAVY WEAPON EMPLACEMENTS. A 4-GUN UNOCCUPIED AAA SITE OBSERVED 800 YDS SSW. [REDACTED] 25X1D	1931N 10311E	0617		121-K
BAN NONG AREA, STRONGPOINT 0.6 NM WNW OF BAN NONG. STRONGPOINT CONTAINS 2 BUILDINGS SURROUNDED BY SAWTOOTH TRENCHES ON 3 SIDES. [REDACTED] 25X1D	1932N 10312E	0617		121-L
BAN KEN, AAA SITES SITE A -- OCCUPIED 4-GUN LIGHT AAA SITE. SITE B -- UNOCCUPIED 4-GUN AAA SITE. SITE C -- UNOCCUPIED 4-GUN AAA SITE. SITE D -- UNOCCUPIED 12-GUN AAA SITE. SITE E -- OCCUPIED 4-GUN AAA SITE. SITE F -- UNOCCUPIED 4-GUN AAA SITE. SITE G -- OCCUPIED, PROBABLY 37 MM 8-GUN AAA SITE. SITE H -- UNOCCUPIED 7-GUN AAA SITE. BOMB CRATER ON ONE POSITION. SITE I -- LIGHT OCCUPIED 4-GUN AAA SITE. SITE J -- STRONGPOINT CONTAINS AN OBLONG TRENCH, 9 BUILDINGS, SEVERAL AW POSITIONS, AND A LIGHT OCCUPIED AAA SITE. SITE K -- LIGHT OCCUPIED 4-GUN AAA SITE. SITE L -- OCCUPIED 6-GUN AAA SITE. SITES K AND L ARE BOTH NEWLY IDENTIFIED, SITE	1934N 10340E	0617		480-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
J POSSIBLY NEW. [REDACTED] 25X1D				
BAN NA MUN AREA, DEFENSE POSITIONS 25X1D AREAS A-E, AS REPORTED IN MISSION [REDACTED] [REDACTED], NOT OBSERVED. STRONGPOINT F (UTM UG517719) -- UNOCCUPIED AND DIAMOND-SHAPED. [REDACTED] 25X1D	1938N 10335E	0617		159-C
BAN NA SI AREA, STRONGPOINTS FOUR STRONGPOINTS IN BAN NA SI VICINITY. (STRONGPOINTS REFERENCED FROM BAN NA SI.) STRONGPOINT A (0.7 NM NW AT UTM UG544724) -- AT LEAST 4 BUILDINGS AND NUMEROUS BUNKERS SECURED BY IRREGULAR SAWTOOTH PERIMETER TRENCH. NUMEROUS COVERED FIRING POSITIONS APPEAR ABANDONED. STRONGPOINT B (1.2 NM NNE AT UTM UG543735) -- APPROXIMATELY 10 BUILDINGS SECURED BY A SAWTOOTH PERIMETER TRENCH, APPEARS UNOCCUPIED. STRONGPOINT C (1.4 NM NORTH AT UTM UG537748) -- AT LEAST ONE BUILDING SECURED BY IRREGULAR SAWTOOTH PERIMETER TRENCH. NUMEROUS FIRING POSITIONS APPEAR ABANDONED. STRONGPOINT D (2.3 NM NORTH AT UTM UG541758) -- AT LEAST 10 BUILDINGS SECURED BY IRREGULAR SAWTOOTH TRENCH. NUMEROUS	1938N 10337E	0617		159-E

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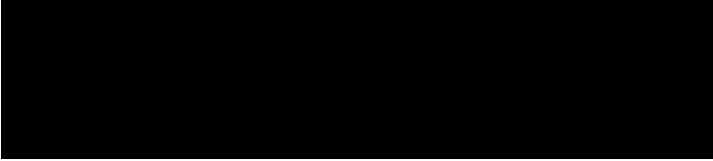


Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D WEAPONS POSITIONS, OCCUPANCY UNDETERMINED.</p> <p>[REDACTED]</p> <p>BAN BAN, MILITARY AREA AND LANDING STRIP THREE MILITARY AREAS IN BAN BAN VICINITY. (AREAS REFERENCED FROM CENTER OF BAN BAN MILITARY CAMP.)</p> <p>AREA A (1.2 NM NORTH AT UTM UG504726) -- IRREGULAR TRENCH SYSTEM WITH 3 UNOCCUPIED POSSIBLE AAA POSITIONS.</p> <p>AREA B (0.9 NM NNE AT UTM UG507722) -- 3 UNOCCUPIED AAA/AW POSITIONS ENCLOSED BY TRENCH SYSTEM.</p> <p>AREA C (2.1 NM NW AT UTM UG522731) -- 2 UNOCCUPIED POSSIBLE AAA POSITIONS ENCLOSED BY TRENCH SYSTEM.</p> <p>25X1D [REDACTED]</p> <p>BAN BAN AREA, MILITARY AREAS IN BAN BAN VICINITY.</p> <p>25X1D AREA B (0.9 NM NE OF BAN BAN) -- NO APPARENT CHANGE SINCE MISSION [REDACTED]</p> <p>AREAS A AND C -- NOT OBSERVED.</p> <p>AREA D (UTM UG511720) -- STRONGPOINT CONSISTING OF A CIRCULAR TRENCH AND 2 BUILDINGS OUTSIDE OF TRENCHWORK.</p>	1939N 10333E	0617		159
<p>25X1D [REDACTED]</p> <p>BAN BAN AREA, MILITARY AREAS IN BAN BAN VICINITY.</p> <p>25X1D AREA B (0.9 NM NE OF BAN BAN) -- NO APPARENT CHANGE SINCE MISSION [REDACTED]</p> <p>AREAS A AND C -- NOT OBSERVED.</p> <p>AREA D (UTM UG511720) -- STRONGPOINT CONSISTING OF A CIRCULAR TRENCH AND 2 BUILDINGS OUTSIDE OF TRENCHWORK.</p>	1939N 10333E	0617		159-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D 				
MISCELLANEOUS				
ROUTE 13 SINGLE-LANE, SEASONAL ROAD IN POOR CONDITION OBSERVED FROM 18-53N 102-28E TO 19-45N 102-11E. APPROXIMATELY 120 X 10 FT, WOOD, DECK, SERVICEABLE BRIDGE OBSERVED AT 18-58N 102-27E. PASSABLE FORD OBSERVED AT 19-05N 102-26E. PASSABLE FORD AND FOOT BRIDGE OBSERVED AT 19-01N 102-26E. PASSABLE FORD AND APPROXIMATELY 100 FT FOOT- BRIDGE OBSERVED AT 19-14N 102-16E. PASSABLE FORD OBSERVED AT 19-38N 102-12E. 		0617		
25X1D				
ROUTE 9, SEGMENT 3 ROAD OBSERVED FROM 16-43N 106-09E TO 16-42N 106-13E. NO VEHICLES OBSERVED. 	1636N 10606E	0617		192-B
25X1D				
TCHEPONE--LA HA ROAD (ROUTE 9) SINGLE-LANE, SEASONAL ROAD IN POOR CONDITION OBSERVED FROM 16-44N 106-11E TO 16-43N 106-15E. 	1643N 10612E	0617		124-E
25X1D				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>[REDACTED]</p> <p>ROUTE 7</p> <p>SINGLE-LANE, ALL-WEATHER, SERVICEABLE ROAD OBSERVED FROM 19-29N 104-00E TO 19-29N 104-03E, 19-38N 103-32E TO 19-36N 103-37E, AND 19-35N 103-38E TO 19-35N 103-43E AND FROM 19-29N 103-14E TO 19-28N 103-08E. BRIDGE OUT AT 19-37N 103-33E AT UTM UG485711, PROBABLY FORDABLE.</p> <p>[REDACTED]</p> <p>25X1D</p>				

SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO AP-
PARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION.
THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE
MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST
ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS
NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE
DETERMINED ARE LISTED UNDER THIS SECTION.

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	-LAOS-				
	AIR INSTALLATIONS				
25X1D	THA THOM AIRFIELD [REDACTED]	1859N 10337E	0617		212-A
25X1D	BAN THANG AREA, LANDING STRIP (2) [REDACTED]	1925N 10304E	0617		427-C
	MILITARY INSTALLATIONS				
25X1D	BAN NAHOI AREA, STRONGPOINTS [REDACTED]	1903N 10226E	0617		477-A
25X1D	XIENG NGEUN, MILITARY CAMP [REDACTED]	1945N 10211E	0617		207
25X1D	XIENG KHOUANG AIRFIELD AREA, STRONGPOINTS [REDACTED]	1926N 10309E	0617		130-T
25X1D	BAN NA LINH, STRONGPOINTS [REDACTED]	1928N 10309E	0617		427-J
25X1D	BAN LEN AREA, STRONGPOINTS [REDACTED]	1929N 10311E	0617		121-H

SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED .

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
MILITARY INSTALLATIONS				
TCHEPONE BARRACKS/STORAGE FACILITY [REDACTED]	25X1D	1640N 10614E	0617	124-G
TCHEPONE, STRONGPOINT [REDACTED]	25X1D	1641N 10614E	0617	124-F
VANG VIENG, MILITARY COMPLEX [REDACTED]	25X1D	1855N 10227E	0617	203
BAN PAK PO AREA, STRONGPOINT [REDACTED]	25X1D	1859N 10226E	0617	203-C
NONG HET, MILITARY CAMP [REDACTED]	25X1D	1929N 10401E	0617	119-B
URBAN COMPLEXES				
BAN NAM KAUANG (NONG HET) COMPLEX [REDACTED]	25X1D	1930N 10359E	0617	119

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

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